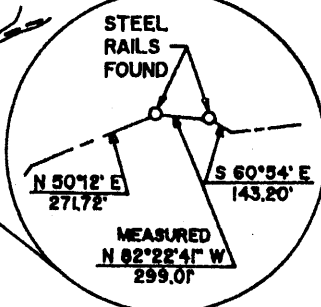


Final
5/19/94

NORTH

ANDREW McCOY HIERS
67.3 AC. (RESIDUE)
DB. 239 PG. 307

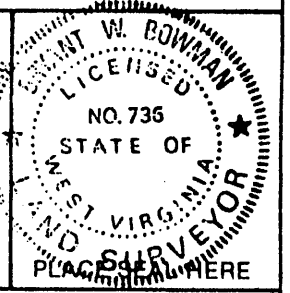
7.5' TOPO LOC.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1\"/>

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
(SIGNED) *W. Bowman*
R.P.E. _____ L.L.S. 736



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE APRIL 15, 1994
OPERATOR'S WELL NO. WY-FOCA 85
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
STATE 47 COUNTY 109 PERMIT 0632-D0

LOCATION: ELEVATION 1617.47 WATERSHED LAUREL FORK
DISTRICT SLAB FORK COUNTY WYOMING
QUADRANGLE McGRAWS

SURFACE OWNER GEORGIA PACIFIC CORPORATION ACREAGE 449.33
OIL & GAS ROYALTY OWNER JAGUAR OIL & GAS CORP. LEASE ACREAGE 30.582 +/-

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION GORDON ESTIMATED DEPTH 3600' JUN 12 2009

WELL OPERATOR PENN VA OIL & GAS CORP. DESIGNATED AGENT DANA BLACKSHIRE
ADDRESS P.O. BOX 386 - DUFFIELD VA 24224 ADDRESS P.O. BOX 766 CHAS WV 25323

FORM WW-6

COUNTY NAME WYOM.

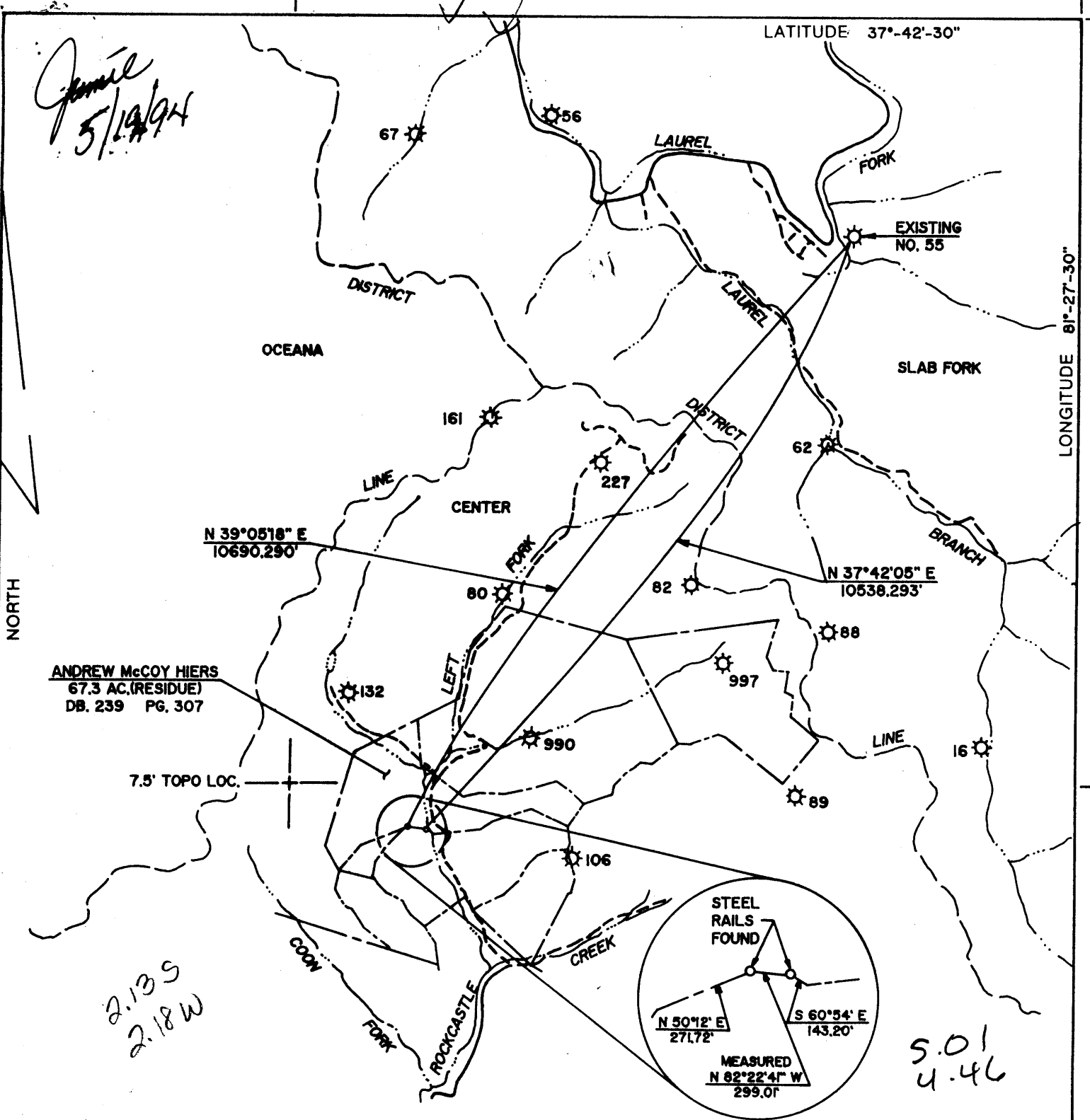
PERMIT 0632-D0

11475'

LATITUDE 37°-42'-30"

LONGITUDE 81°-27'-30"

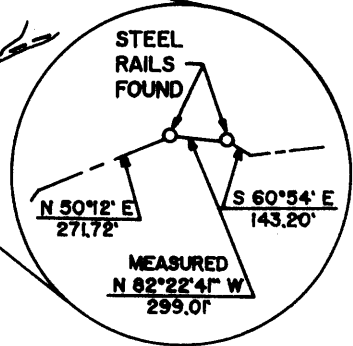
Final
5/19/94



ANDREW McCOY HIERS
67.3 AC.(RESIDUE)
DB. 239 PG. 307

7.5' TOPO LOC.

2.13 S
2.18 W

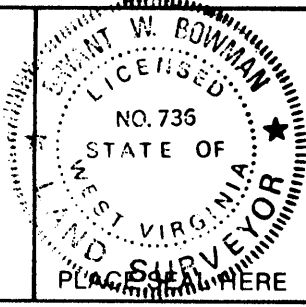


5.01
4.46

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1/2000
 PROVEN SOURCE OF ELEVATION USGS BM # 35-AFK
EL. 1796

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) *Susan W. Bowman*
 R.P.E. _____ L.L.S. *736*



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE APRIL 15, 1994
 OPERATOR'S WELL NO. WY-POCA 55
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1617.47 WATER SHED LAUREL FORK

47 - 109 - 0632-00
 STATE COUNTY PERMIT

DISTRICT SLAB FORK COUNTY WYOMING
 QUADRANGLE McGraws Mullins NW

SURFACE OWNER GEORGIA PACIFIC CORPORATION ACREAGE 449.33
 OIL & GAS ROYALTY OWNER JAGUAR OIL & GAS CORP. LEASE ACREAGE 30,582 +/-

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

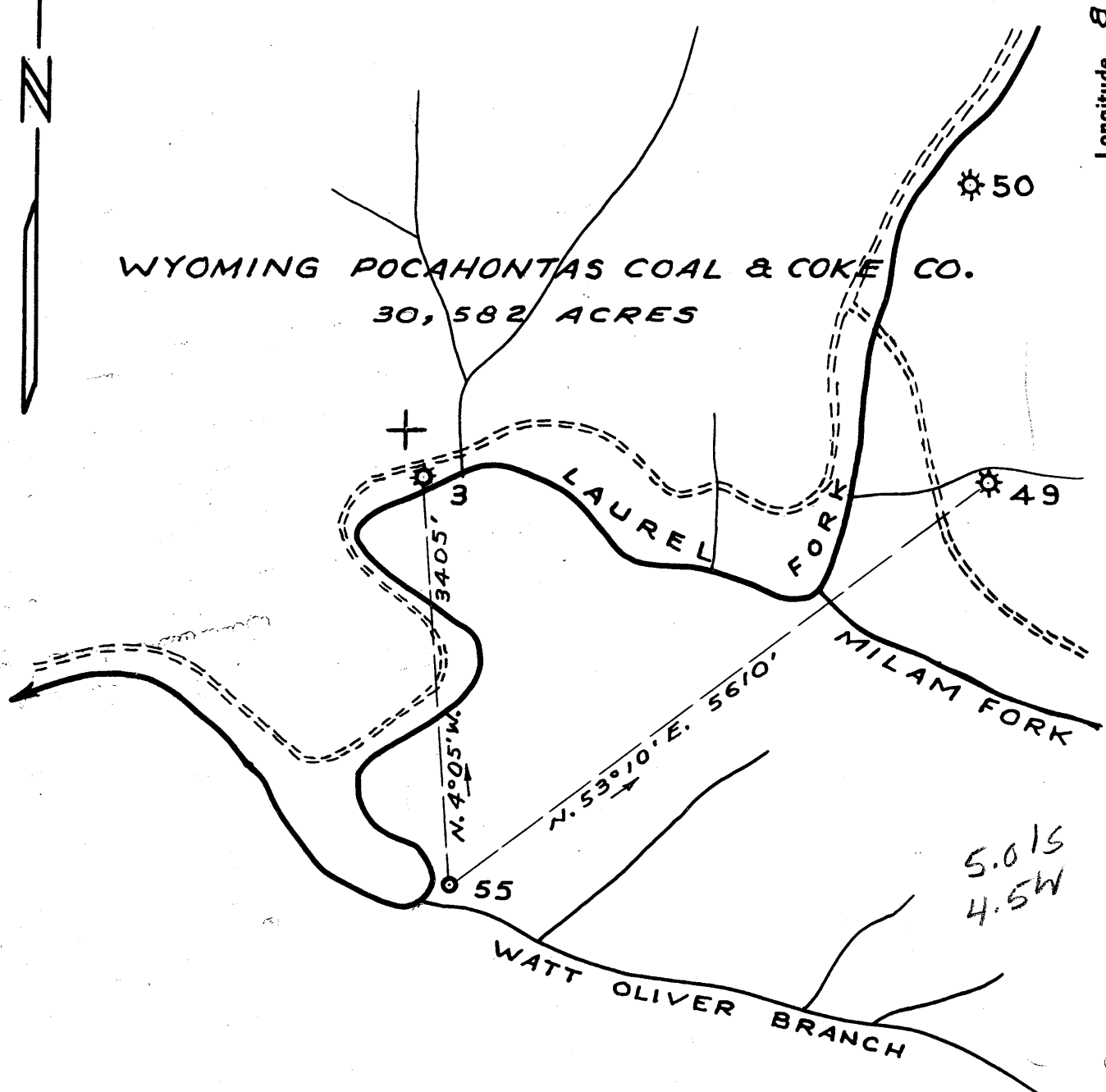
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION GORDON ESTIMATED DEPTH 3600' MAY 20 1994
 WELL OPERATOR PENN VA OIL & GAS CORP. DESIGNATED AGENT DANA BLACKSHIRE
 ADDRESS P.O. BOX 386 - DUFFIELD VA. 24224 ADDRESS P.O. BOX 766 CHAS. WV 25323

COUNTY NAME
PERMIT

Latitude 37° 45'

Longitude 81° 25'

WYOMING POCAHONTAS COAL & COKE CO.
30,582 ACRES



- New Location .
- Drill Deeper
- Redrill
- Abandonment

Company	RAVENCLIFFS DEV. CO.
Address	RAVENCLIFF - W.VA.
Farm	WYOMING POC. COAL & COKE CO.
Tract	Acres 30,582 Lease No.
Well (Farm) No.	55 Serial No.
Elevation (Spirit Level)	1620.3
Quadrangle	MULLENS NW
County	WYOMING District SLAB FORK
Engineer	James Sell
Engineer's Registration No.	772
File No.	Drawing No. 620812
Date	AUG. 10, 1962 Scale 1" = 1320'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. WYO-632

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

MAY 12 1995

Well Operator's Report of Well Work

Permitting Office of Oil & Gas

Farm name: GEORGIA-PACIFIC CO. Operator Well No.: WY-POCA #55

LOCATION: Elevation: 1,617.47 Quadrangle: MCGRAWS

District: SLAB FORK County: WYOMING
Latitude: 11025 Feet South of 37 Deg. 42Min. 30 Sec.
Longitude 11475 Feet West of 81 Deg. 27 Min. 30 Sec.

Company: PENN VIRGINIA RESOURCES M
HWY. 58-421 W., P. O. BOX 386
DUFFIELD, VA 24244-0386

Agent: JOHN O. KIZER/ C.T CORP.

Inspector: OFIE HELMICK
Permit Issued: 05/19/94
Well work Commenced: 06/17/94
Well work Completed: 10/18/94
Verbal Plugging
Permission granted on:
Rotary x Cable Rig
Total Depth (feet) 2991'
Fresh water depths (ft)

Salt water depths (ft)

Is coal being mined in area (Y/N)?
Coal Depths (ft):

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft. Rows include 8-5/8", 7", and 4-1/2" sizes.

OPEN FLOW DATA

SEE ATTACHED COMPLETION/PRODUCTION SYNOPSIS.

Producing formation Weir Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow 133 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 760 psig (surface pressure) after 89 Hours

Second producing formation Lower Maxon Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow 60 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure n/a psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENN VIRGINIA OIL & GAS CORPORATION

By: William M. Ryan
Date: 4/28/95

Formation, Perforated Interval, Treatment, Pressure and Rate Data:

Weir	2863-3866' 4 shots 2850-2858' 9 shots	Treatment: 300 gals. of 15% HCl acid N2 breakdown, 28,224 gals. of 75Q foam and 31,000 lbs. sand at 20 bpm.
Lower Maxon	1954-1956' 6 shots	Treatment: 750 gals. of 15% HCl acid at 1/2 bpm.

Detail of Drill-Deeper Operations:

Original TD 1160'. Spot 30 sack cement plug across Ravencliff inside 7" casing. Cement top 1072'. Drill out cement plug from 1072-1160'.

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Sand, Shale & Red Rock	1160-1902	Gas check @ 1724, no show
Lower Maxon	1902-2000	Gas 1954-56, 327 MCFD Salt Water @ 1989 Attempted to Squeeze Off Water--Not successful
Shale	2000-2023	
Little Lime	2023-2102	
Lime & Shale	2102-2159	
Big Lime	2159-2586	
Shale	2586-2836	
Weir	2836-2868	
Shale	2868-2991	Gas check @ TD, 207 MCFD & 1" stream of water
T.D.	2991	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 14

Quadrangle Mullens

Permit No. WYO-632

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company Ravencliffs Development Co
Address Ravencliff, W. Va.
Farm Wyoming-Pocahontas Coal & Coke Co 30,582
Location (waters) Laurel Fork
Well No. 55 Elev. 1620.3
District Slab Fork County Wyoming
The surface of tract is owned in fee by Wyoming Pocahontas Coal & Coke Co Address Beckley, W. Va.
Mineral rights are owned by Wyoming Pocahontas Coal and Coke Co Address Beckley, W. Va.
Drilling commenced October 19, 1962
Drilling completed December 5, 1962
Date Shot Fraced From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 146,000 Cu. Ft.
Rock Pressure 218 lbs. 120 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			Bottom Hole
13			Size of <u>8-5/8"</u>
10	<u>19' 6"</u>	<u>19' 6"</u>	Midget B. H.
8 1/4	<u>619' 2"</u>	<u>619' 2"</u>	Depth set _____
6 3/4	<u>1156' 8"</u>	<u>1156' 8"</u>	Perf. top _____
5 3/16			Perf. bottom _____
3			Perf. top _____
<u>2-3/8"</u>	<u>1148' 9"</u>	<u>1148' 9"</u>	Perf. bottom _____
Liners Used			

CASING CEMENTED 7" SIZE 300' No. Ft. 12-15-62 Date

COAL WAS ENCOUNTERED AT 143 FEET _____ INCHES
222 FEET _____ INCHES 251 FEET _____ INCHES
581 FEET _____ INCHES _____ FEET _____ INCHES

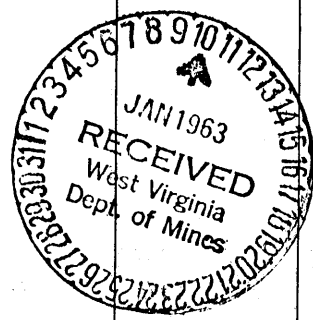
WELL FRACTURED 30,000# Sand, 27,000 gallons Water & Auxiliaries

RESULT AFTER TREATMENT 780,000 Cubic Feet

ROCK PRESSURE AFTER TREATMENT 218

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	15			
Slate			15	20			
Sand			20	26			
Slate			26	45			
Sand			45	58	Water	58	1 - B.P.H.
Shale			58	63			
Slate			63	70	Water	70	H.F.
Sand	Grey		70	115			
Sand	Blue		115	118			
Sand	Grey		118	143			
Coal			143	145			
Sand			145	170			
Slate & Shells			170	185			
Sand	White		185	194			
Slate	Grey		194	220			
Coal			220	222			
Sand	Grey		222	250			
Slate	Black		250	261			
Coal			261	264			
Sand			264	278			
Slate			278	356			
Shale		Gritty	356	366			
Slate & Shells			366	418			
Sand		Hard	418	451			
Slate			451	453			
Sand			453	504			
Lime			504	510			
Sand			510	538			
Slate & Shells			538	581			
Coal			581	584			



Fermentation	Color	Hard or Soft	Top 14	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			584	596			
Sand			596	677			
Slate & Shells			677	711			
Shale	Blue		711	756			
Lime		Gritty	756	763	GAS	757 - 63	
Sandy Shale			763	768		12/10 W2"	Blew Out
Sand			768	816			
Shale			816	936			
Sand	Grey		936	994			
Sandy Shale			994	1012			
Slate & Shells			1012	1063			
Sand			1063	1080			
Shale			1080	1090			
Red Rock			1090	1099			
Sand			1099	1151			Ravencliff
Slate	Grey		1151	1160	GAS	1125-27	
			1160	TD		1133-43	12/10 W2 140 Mcf

Date January 8, 1963

APPROVED RAVENCLIFF OIL COMPANY CO., Owner

By R. N. Smith
(Title) Gen. Mgr.

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Issued 05/19/94

Well Operator: PENN VIRGINIA OIL & GAS CORPORATION 37355 (7) 466

Operator's Well Number: WY-POCA 55 3) Elevation: 1617.47

Well type: (a) Oil___/ or Gas X /
(b) If Gas: Production___/ Underground Storage___/
Deep___/ Shallow___/

Expires 05/19/96

Proposed Target Formation(s): Gordon 419

- 6) Proposed Total Depth: 3600 feet
- 7) Approximate fresh water strata depths: N/A
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes___/ No X /
- 11) Proposed Well Work: Drill Deeper, Perforate, Stimulate New Formation

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	10				19'	
Fresh Water						
Coal	8 7/8				619'	
Intermediate	6 7/8			1156'	1156'	
Production	4 1/2	J-55	10.5	3600	3600	260
Tubing						
Liners						

Existing from well records

WPCP/BA/1

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket sure. Agent
(Type)

02481/15

RECEIVED
MAY 10 1994
Permitting
Division of Environmental Protection

Page 1 of
Form WW2-A
(10-91)

1) Date: APRIL 15, 1994
2) Operator's well number
WY-POCA 55
3) API Well No: 47 - 109 - 0632-DD
State - County - Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>GEORGIA PACIFIC CORPORATION</u>
Address <u>P. O. BOX 105605</u>
<u>ATLANTA, GA 30348</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration
Name <u>WYOMING POCAHONTAS LAND CO., INC.</u>
Address <u>39 ROBIN PLACE</u>
<u>BECKLEY, WV 25801</u></p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration
Name _____
Address _____</p> |
| <p>6) Inspector <u>OFIE HELMIC</u>
Address <u>P.O. BOX 218</u>
<u>FANROCK, WV 24834</u>
Telephone <u>(304)- 732-9135</u></p> | |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
_____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator PENN VIRGINIA OIL & GAS CORPORATION
By: [Signature]
Its: VP
Address P. O. BOX 386 DUFFIELD, VA 24224

Telephone 703-431-2831 304-294-6767

Subscribed and sworn before me this 28th day of April, 1994

Kita D. Johnson Notary Public
My commission expires July 31, 1995

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Georgia-Pacific Co. Operator Well No.: WY-POCA 55

LOCATION: Elevation: 1617' Quadrangle: McGraws
District: Slab Fork County: Wyoming
Latitude: 11025 Feet South of 37 Deg. 42 Min. 30 Sec.
Longitude: 11475 Feet West of 81 Deg. 27 Min. 30 Sec.

RECEIVED
Office of Oil & Gas
JUL 21 2011

Well Type: OIL GAS X

WV Department of
Environmental Protection

Company Penn VA Oil & Gas Coal Operator Rhino Eastern LLC
7 Sheridan Sq Suite 200 or Owner 424 Lewis Hargett Circle Suite 250
Kingsport TN 37660 Lexington KY 40503
Coal Operator West Virginia Mid Vol
Agent Bryant Bowman or Owner 836 E Euclid Ave Suite 321
Permit Issued Date 6/05/09 Lexington KY 40502

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln ss:

Paul Stevens and Greg Prichard being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 4th day of June, 2011 and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Get Hole	Surface	1911'		
Set CIBP	1911'			
Cement	1911'	1845'		
Cement	198'	Surface		

Description of monument: Erect monument with API # 47-109-00632 and that the work of plugging and filling said well was completed on the 8th day of June, 2011

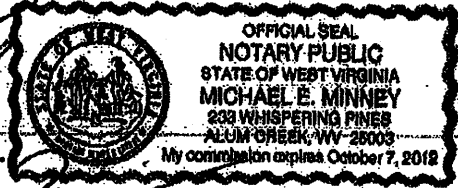
And further deponents saith not.

Paul Stevens
Greg Prichard

Sworn and subscribe before me this 8th day of May, 2011

My commission expires: 10-7-2012

Michael E. Minney
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Barry Stilling Title: inspector